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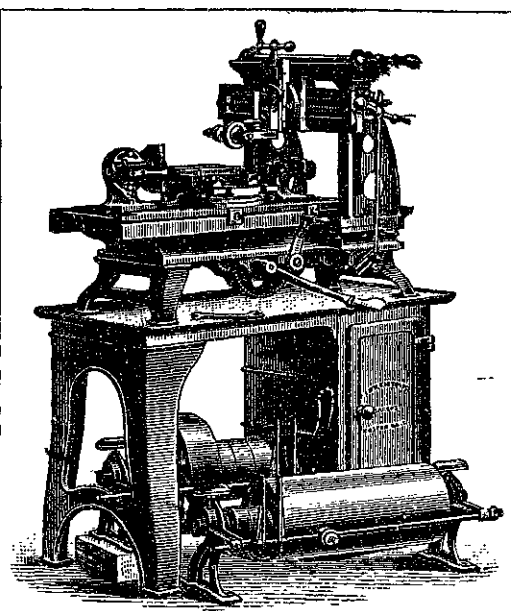
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# The Tech.

VOL. XII.

BOSTON, DECEMBER 1, 1892.

NO. 9.

## THE TECH.

Published every Thursday, during the college year, by the students of the Massachusetts Institute of Technology.

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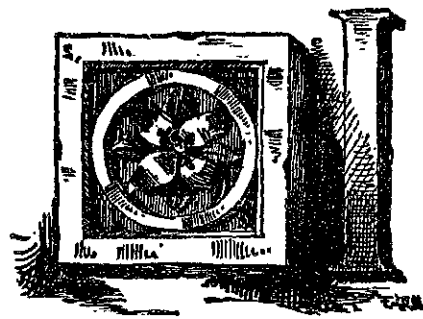
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IN continuation of an editorial which appeared in THE TECH a short time ago, we wish to say a few words to such of our alumni as may be within reach. Probably you all realize how much an active interest manifested by the sons of a college may benefit that college. In the case of Technology, this is especially so. Tech. is still so young, that as yet its graduates have, as a rule, been obliged to look out for themselves; but a generation has passed since this grand institution sent its first-born out into the world, after doing all that a mother could do to prepare them for an unknown and uncertain future. Many of them have been successful; some have become famous; nearly all have done well. Technology is proud of them; have they forgotten their *Alma Mater*? The Institute has now so many children to care for that a long purse is necessary; and, what is more, the running

expenses of such a family are so enormous that there is little chance to lay by a dollar for a rainy day. Here, then, is where Tech. needs the assistance of its alumni. Unlike Columbia, Harvard, and other large colleges, Technology has but a very small endowment; and were it not for the prudent administration of a wise Faculty, its very existence would be precarious. Institutions richer than Tech. do not hesitate to ask for money; why should we? No school in the world is to-day doing better or greater work than our own Institute! Does not that deserve the hearty support of all its loyal sons?

Students, also, while at Tech. could be much benefited by the co-operation of enthusiastic alumni. Every week one hears of a new dormitory, a new athletic field, or gymnasium being presented to a college by its friends. Judging by the present records of our football, baseball, and athletic teams, little would be impossible for us with a good athletic field and well-equipped gymnasium? Nothing builds up and strengthens a school like athletics. To be sure, we don't come here for athletics, and have but little time to devote to physical exercise of any sort; but for that very reason we should have the facilities to employ that short time to the best advantage.

THE TECH, realizing that the period is at hand when the Institute ought to receive the financial, moral, and intellectual support of its members of all ages, urges everyone, alumnus and undergraduate, to keep in touch with the Technology of to-day,—to listen to its needs, share its triumphs, and to aid its wondrous growth. THE TECH desires to receive news concerning everyone connected in the past with the Institute, wishes to bind closer together all who cherish old Rogers Building;



and, in short, to take the place of a "Graduates' Magazine" until that place is filled by the proper publication.

EVIDENTLY it is time to call attention again to the fact that the boards in the corridors and entries of the several buildings are put there for use, and that all students are expected to examine the notices posted there, at least, occasionally. A large part of the men seem to be almost unaware of the existence of these boards. The recent experience of the Executive Committee of the Republican Club brought out this point most forcibly. At a time when so many students were interested in one subject, it would naturally be supposed that the notices concerning uniforms, torches, organization, etc., which were being posted daily, would receive very general attention. Such was not the case. Men were constantly coming to members of the Committee to ask questions which, had they but glanced at the bulletin boards, would have been answered in a moment. This is not as it should be.

In an institution like ours, where students see so little of each other outside the class room, it is peculiarly necessary that they take advantage of what opportunity there is for the dissemination of news, and observe the notices carefully. Let every man take a look once a day as he goes to or from recitation. It will only require a minute or two, and may save himself and others much trouble and inconvenience.

WE recently published a local mentioning the fact that the Seniors were discussing the pros and cons of adopting the cap and gown for Commencement and Class Day, and a word here may help to bring the subject more prominently before not only the members of '93, who are immediately interested, but the lower classes as well, who may have the same question to decide in subsequent years. It certainly does seem proper that the members of the graduating class, who are

then celebrating, in the presence of their friends and relatives, the completion of their course, should have some appropriate mark to distinguish them from the rest of the student body. Unquestionably the cap and gown is well fitted for this purpose. It is universally becoming, it lends an air of learning and gravity to the wearer, which is eminently suitable at Tech., and finally it is conventional, so that outsiders would not mistake the Seniors for initiates into some local society. Yale, Harvard, Brown, and several other colleges have adopted it with great satisfaction to all. Why should not Tech.? Let '93, one of the most progressive classes that ever reached the Senior year, think the matter over, and, if feasible, show by the adoption of the cap and gown that it is ready to be first here as it has been first so often before.

#### COMMUNICATIONS.

*The Editors do not hold themselves responsible for opinions expressed by correspondents.*

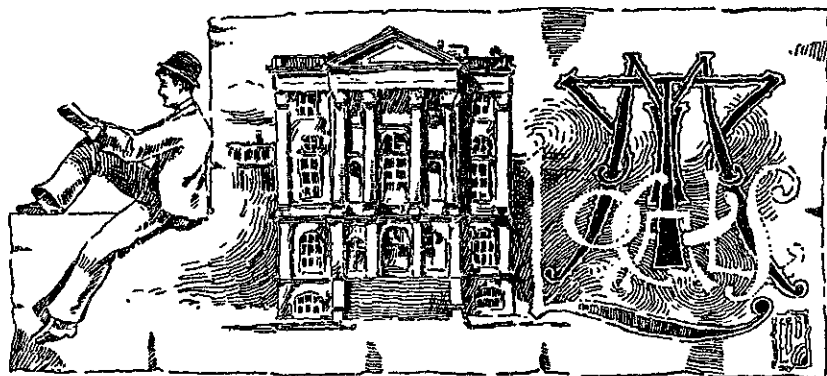
#### TO THE EDITORS OF THE TECH:—

I WOULD like to call the attention of some of the Institute men to the fact that the Committee who provided the uniforms for the parade has come out in debt, as is the fate of almost all committees which have any large financial functions. The most deplorable thing about this debt is that it was incurred because some of the men who ordered suits were not honest enough to come and get them when the weather was unfavorable, and a few men were dishonest enough to keep wrong change, which was given them by accident in the great rush at the time of the sale of the suits.

The money does not amount to a very great sum, and it has been lessened very much by the untiring efforts of the committee, but there is at present more money due the manufacturers of the suits than the men in the Institute have any right to ask the members of the committee to pay.

The classes should take action on this matter, and see if they cannot aid the committee in raising the small sum that remains unpaid.

Any information may be obtained by addressing  
(Box 122.) PRESIDENT REPUB. CLUB.



"With all thy faults," etc.

The Lunch Room still continues full.

Athletic Club meeting a week from Saturday.

Dr. Thomas Evans has been appointed Assistant in Organic Chemistry.

The Juniors have finished Heat, and begun work in the Physical Laboratory.

Thanksgiving dinner in the dormitory was like a feast in a banquet hall deserted.

Have you noticed the row of puppets that adorns the ridge of the new Public Library?

TECH always has a communication heading to use should occasion offer. Hasn't anyone any new ideas?

E. P. Gill, '92, was in Boston within the last week. He came north to attend the two great football games.

The various courses in '93 have met and elected members of the committee for nominating class day officers.

The Sophomore Civils are making a survey at Clarendon Hills, while the good weather makes the transit possible.

It is rumored that Mr. Hagar's voice will stand in the way of his degree, if he is not more careful to modulate it a little.

The theaters were well patronized during vacation by Institute men who were detained in Boston for *one* cause or *another*.

The Board of Editors fills up but slowly. Ninety-three will let go before long. Walk up, gentlemen, and try your grip.

Several Freshmen have decided that they were not as bright as they might have been had they been brighter—and kinder.

"The angle of incidence is equal to the angle of reflection," said the Sophomore, as he thought of the time when he was a boy.

Mr. R. H. Sweetser, who graduated last year, is at Sparrows Point, in the smelting works of the Maryland Steel Company.

Now that the football season is over, we can all vow strict allegiance to work, a vow which we can hope to keep—for a few days.

The time of year is fast approaching when the persuasive youth makes plain to his stern parent how necessary is a raise in his monthly stipend.

The Fall River boat last Wednesday night carried a large contingent of TECH men on their way to New York for a Thanksgiving rest (?).

The election of the Class Day Committee will occur on the second Wednesday in the second term, and not on the first, as stated in the last number of TECH.

Ninety-five's annual class dinner will take place at Young's, Friday evening, December 16. Remember this date, Sophomores, and arrange to take a night off.

The Henry R. Worthington Co. have presented the Mechanical Engineering Department a three-inch Worthington meter having a capacity of 600 cubic feet.

Amid the ominous silence which followed so many names during roll calls on a recent Saturday morning could be almost heard an echo of the cheers at Springfield.

A number of the professors kindly excused their classes from laboratory work on the afternoon before Thanksgiving in order to allow the men an early start for home.

Ninety-three has voted to present the beautiful class banner to the man who shall be decided, on the Statistician's figures, as the most popular man in the class. It is a foolish idea and will doubtless be abandoned. The banner should remain the property of the class, and go to the future trophy room.

The Seniors have decided to hold their annual dinner sometime during the second term, which they deem to be the most appropriate time for this event in the fourth year.

On account of Professor Letang's serious illness, Mr. Meade, who has held a Roche traveling scholarship, has been engaged to give instruction in the Architectural Department.

The Senior Class this year is quite as large as that of last, a rough estimate giving the same number of regular students, viz: one hundred and forty-four, and a larger number of special students.

Prof. James M. Crafts, formerly Senior Professor of Chemistry at the Institute, will this year have charge of all work in Organic Chemistry. The Life Class is now in charge of Mr. Adams.

In one of the larger programmes sold at Springfield on the day of the Yale-Harvard game, the base ball cut of the Ninety-two Technique was made use of. The M. I. T. was however erased.

We are acquainted with a few men who guessed Cleveland, Russell, Exeter, and Yale. These men are now so rich that they have "money to burn." The shorn "lambs you see" are not so happy, however.

The critical person will notice many verdant mustaches still clinging to the upper lips of some of the seniors. The coefficient of growth is as small in their case, as in that renowned case of "Technique" fame.

A strange mania for betting seems recently to have pervaded the fourth year Mechanical Drawing room, which bids fair, at its present rapid rate of contagion, to exclude all other business there in the near future.

The following new appointments have been made by the Faculty: Richard E. Eads, Jr., from Johns Hopkins, Assistant in Biology; J. Russell Lincoln, M. I. T. '71, Assistant in Sanitary Chemistry, in place of Mr. Hersam.

The '92 Class Day Committee, through its chairman, Mr. George Wendell, has presented to the Co-operative Society the surplus remaining over the class day expenses, the amount being about two hundred and fifty dollars.

Among the men to go down to New York on the evening before Thanksgiving were, F. H. Howland, Marvin Gorham, Frank M. Southard, A. B. Wadsworth, C. E. Leber, E. B. Brown, J. Godchaux, F. T. Towne, and many others.

Mr. B—— (severely): "Who told you how to write that?"

Student: "My grammar, sir!"

Mr. B—— (authoritatively): "You were told to do these without outside help; I shall give you zero, sir."

Up to date a Soph. holds the record, as far as we can ascertain. He is the happy (?) possessor of fourteen Faculty notices in one week. We feel safe to add that any information concerning "lucrative positions" will be gladly received by him.

General Walker visited the "gym" a short time ago. Unfortunately there was not the usual number present at the time, and most of those there were "resting." Let us hope the President will try it again when the usual scene of activity is presented.

Next, Christmas, and then the Semies. Christmas is on Sunday this year and the usual twenty-four hours vacation may not materialize. The exams. will however occur as advertised and no features will be omitted. They are earlier than usual. Remember.

Junior (translating): "Then Frink held out his hand and said, 'Let us be friends again \_\_\_\_.'"

Mr. B——, "Ah, ah! more emphatic sir, if you please."

Junior (emphatically): "He thrust out his duke with a 'put it there, old man, and call it square.'"

THE TECH would like to call the attention of everybody to the Lowell Free Course of Lectures now going on. A list of the various subjects and lecturers may be obtained in the Secretary's Office, where also tickets may be obtained by those desiring to attend any of the lectures.

The Sophomores are somewhat indignant over the new automatic time lock on the physics lecture room door. The device is in electrical connection with Cambridge Observatory, and locks the door at exactly five minutes past twelve. It is correct to one tenth of a second.

It looks as though Mr. Richmond would have a walkover for class poet. The other offices, however, bid fair to be hotly contested, and by many good men. Much electioneering is being quietly indulged in, although the more conservative sentiment is against it. Let the office seek the man.

The following Seniors have been elected by the respective Courses to represent them in the Class Day Nominating Committee: Course I., Houck, Fay, Bemis; Course II., Alden, Gorham, Blake; Course III., Albee; Course V., Dillon; Course VI., Thomas, Norton, Morss, Taintor; Course X., Dorman.

Innocent Child: "Oh, auntie! I can see my face in the glass."

Mrs. Beaconstreet Browning: "My child! You should say you see your face reflected in the mirror, and content yourself with trying to discover the reason why your image is the same distance behind the mirror that your face is in front of it."

Two Freshmen were reading the result of the "Tech." Presidential vote on the bulletin board, when one turned to his companion and said: "Who is Mr. Scatterings, anyhow, Ted?" Oh, no! we don't drink, thank you. We hope to be able to get around in a day or two, but the shock was so great, so painful, you know! The effects are scattering, however.

The Technology Lunch Club which has been formed within the last two months, meets daily at one o'clock at the Tremont House, and on Wednesdays a special room is reserved for members, between the hours of one and two. All former students and instructors are eligible to membership, and friends of members are always welcome. Any communications regarding the Club may be addressed to Professor Tyler.

Wandering into a "Descrip" lecture the other day, when about two minutes were left to demonstrate a twenty minute problem, we heard something like this from the lecturer: "You see then that that is equal to that, that perpendicular to that, that that that and the projections of that that that and that, and we get that that, that that that and that, also that, that that that that and that as the required projections."

If any one has in his possession a nice spring overcoat, a derby, a bran-new sweater, a coat, vest, trousers, shirt, tie,—in fact, the whole or part of any apparel from a shirt collar to a sock, which he did not spend his shekels for, he will readily find the owner by perusing the "Lost" notices; the fruit of the Sophomore-Freshmen game which is annually thrust upon us for months after that important event.

Men in Course I. have been well represented at the Lowell Institute lectures on "Earth Measuring," by T. C. Mendenhall, Supt. U. S. Coast and Geodetic Survey. This survey by the government is one of the most accurate in the world. A brief sketch of our knowledge of the earth's figure, latitude and longitude, triangulation, topography, and hydrography, tides, gravity, measurements, etc., were given in a very interesting manner.

On the invitation of the Harvard Chapter of the Delta Upsilon Fraternity, the Technology Chapter visited Cambridge Tuesday, November 22d, the football elevens of the respective



chapters indulging in a friendly match. Technology, by hard work and by the generosity of Harvard in allowing the last touchdown—it was doubtful whether time was up or not—managed to win by the score of 12 to 8. For Harvard, Green and Nichols (capt.) did the best work, Green scoring both touchdowns. Tech. scored on touchdowns by Wells and Clapp, and a safety by Harvard; the first goal was kicked. The team lined up as follows: rushers—Wells '95, Thropp '94, Crary '94, Cox '93, Wood '94, Piper '94, Hutchinson '92; quarter back, Tenny, '94; half backs, Le Bosquet '95 and Clapp '93; full back, P. H. Thomas, '93 (capt.). The brilliant tackling of Hutchinson and Thomas prevented Harvard from scoring several times. Tech.'s center was invincible. The Harvard Chapter did all in their power to make the occasion an enjoyable one.



There has been much trouble of late in managing sparring meetings in regard to the prizes. With the exception of the college men and a very few others, all the so-called "amateur" boxers demand as prizes something much more substantial than the ordinary cups which are given as trophies. Many actually demand gold watches, and, in certain cases, intimate that they will refuse to fight unless a very considerable amount of cash is paid them "for expenses." This spirit is in direct opposition to that of the *bona fide* amateur, and in many cases, the letter of the law is also violated. With such a state of things growing continually worse and worse, it became apparent that radical measures should be taken.

The following clubs, in and around Boston, recently met and formed a code of agreements to hold these semi-professional fighters in check: Boston Athletic Association, Tri-mount Athletic Club, Suffolk Athletic Club, Dorchester Athletic Club, Fr. Scully's Gymnasium Athletic Association, and the Cooper Social and Athletic Club.

The code, which is very sensible, and which is what has been needed for some time, reads as follows:

We, the undersigned, hereby enter into the following agreement with regard to giving boxing exhibitions:

For all special bouts we will not pay more than \$20 for the prize.

For all open classes we will not pay more than \$35.

We will give special bouts for the following class of men only: Those who have won or finished second in any open class, or who have won a special bout; for men who come from outside Boston we may pay car fares for themselves and one trainer, and we may also pay hotel bills not to exceed one day for the same; in case hotel bills are paid they must be paid by the club directly to the hotel.

We agree to immediately report any man who demands other than legitimate expenses, and such man's entry shall not be accepted thereafter for any event whatever. Any man who, having had a special bout arranged for him, shall fail to take part in the same, without reasonable excuse, will be ineligible to compete in the future.

The entrance fee for all open events shall be \$1, which will be returned to all actual competitors. Each man entering shall be given one ticket, admitting himself and trainer.

This was signed by the above-mentioned clubs, and in addition the M. I. T. A. C., Riverside Boat Club, and Bradford Boat Club, are also willing to agree to it.

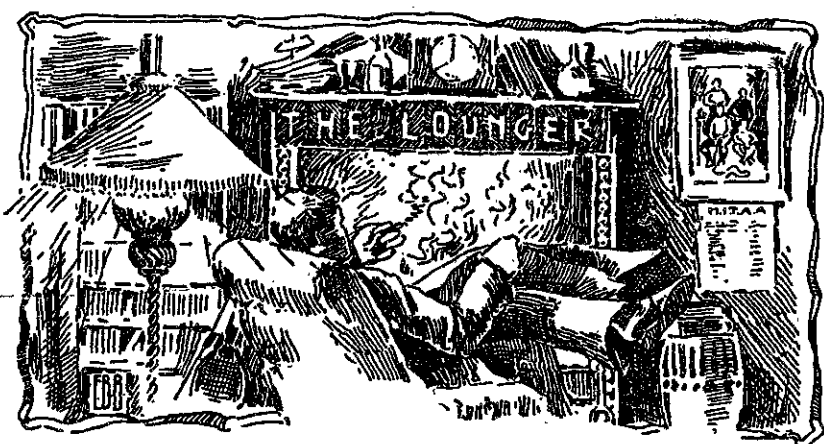
He wrote on perfumed cards to her  
(His letters were not few),  
And filled with loving phrases were  
Those dainty *billet doux*.

"My dearest love," they all begin,  
And close, "Your faithful Thomas"—  
And now they're being flaunted in  
A suit for breach of promise.

—Columbia Spectator.

There was a fair maiden perverse  
Who had an ambition to nurse;  
But her patient she fed  
On cooking-school bread,  
And they carried him off in a hearse.

—Yale Record.



"WITH all thy faults I lo-v-e thee still," was the sound that escaped from a small room on the top story of a St. James Avenue boarding house. The omnipresent, shallow-voiced tenor was exercising his lungs and straining his voice to captivate the heart of the scullery maid in the kitchen on the ground floor. The Lounger, whose room then bordered closely on that of the cast-off Bijou singer, was entirely unconscious of all discord and flat notes; the singer was for once unappreciated by his fellow-boarders, for there was not even a feeling of resentment cherished by his only auditor. The music ceased, and the Lounger regained consciousness. With a night-with-the-boys feeling about him he stood up, whilst his face underwent a few contortions arising from great suffering, and lit a cigarette, "To take the taste out of my mouth," as he slowly said to himself. Even talking was painful, for the muscles of his cheeks were quite sore.

It was Thanksgiving Day, and he had been guilty of the indiscretion of allowing his landlady to test his physical endurance and his ability to withstand her subtle poisons. He knew it would be a foolish experiment, and that he would regret the step he wished to take in the cause of science, but he considered that a future member of the Faculty should have coped with all circumstances and conditions of the student's life. How much trouble and anxiety he would be able to save his pupils in the days to come, if he could be well posted on this the worst of boarding house epidemics, the annual desire of the landlady to overfeed her guests! He feared the effect of the mince pie, which would in all probability refuse to be digested on any grounds, and lie dormant within him for a week; but he nerved himself with the thought of the benefit to science, and that he could publish a pamphlet on the result of his experiment, to be sold at Ridler's for more than he had paid for his

last overcoat. When brave deeds are to be done, the brave men are on hand to do them, he thought, as he felt the metaphorical slap of the Faculty on his back, showing their approval. He realized now how foolish he had been, as he looked in the mirror at his pale face. Not a shadow of hope on his countenance; only a look of despair greeted him as he gazed at himself. He decided to think it over.

"To be, or not to be—" the Lounger hesitated; he had let his head rest on the back of his chair, and sleep had come to his rescue.

"That is the question," answered his landlady, appearing in the form of an enormous turkey.

"Whether 'tis nobler in the body to suffer the slings and misses of outrageous cooking?" asked the Lounger.

"Or to take up measures against a table full of troubles, and by refusing end them," said the landlady.

"To die; to sleep; no more; and by sweet sleep to say we end the pain and the thousand natural shocks that I am heir to after eating your unhealthy meal. Do you refer to that?" said the Lounger.

"'Tis a consummation devoutly to be wished, if there would be no coroner's inquest," replied the landlady.

"Ay, there's the rub, and makes us bear those ills we have than fly to others that we know not of," added the Lounger.

"Thus conscience does make cowards of us all," she replied.

"And enterprises of great pitch and moment with this regard their currents turn awry!" ejaculated the Lounger.

"Soft you, now," said the landlady.

"Witch, in thy orisons, may all thy sins be remembered," groaned the Lounger, as he awoke to hear a light knocking at his door.

"I heard you groaning for so long a time that I thought you might be very ill," said fair Ophelia, who had the front room on the same floor on which the Lounger lived.

You may imagine, kind reader, the thoughts and words which flooded the Lounger's brain and choked his husky utterance. He realized he was alone with the object of his affections, and, unlike the hero of the play, he was unable to master the situation with a gesture, for he was desperately ill. He pictured to himself how an actor would carry the thing through to a successful issue by simply

saying, "We are alone! I knew it would be so, and my right arm is ready to protect thee. Let famine, war and pestilence come; we care not, for we are all in all to each other. Come! Let us embrace (said in a low tone). Ye gods! your cheeks are pale! My darling, do you doubt me, or is it that you have made an indiscreet attempt to be too kind to the holiday turkey. Seest thou, my love, yonder lamp, just lighted? So let our lives be sparks upon the sea of life. Like the meteors caused by a comet, let us abide in peace the rest of our days. The time is coming when we must part for a short time. I will away, but I come back to return again 'ere you can realize that I have made the attempt to leave thee."

A look of resignation was upon the face of the Lounger, about ten minutes after the entrance of the only woman who had ever figured in his life, when he realized that, instead of saying any of the touching words, customary and fitting on such occasions, he had only swayed back and forth in his chair and groaned. His eyes closed, and his mind was so far adrift that he thought of how an actor would propose, and forgot to play his own part. He had allowed his golden opportunity to pass by; he realized this when he opened his eyes and found himself once more alone. Thus ended one of the grandest romances in history.

#### THE INWARD LIGHT.

The waters spread before him dark and dim,  
And hate and scorn were his farewell from home,  
Yet, brave upon that western sea unknown,  
Muttering with doubts and fears, and dangers grim,  
He sailed, obedient to the light within

That sparkled for his mighty soul alone;  
The hate and scorn of temple, palace, throne,  
Laughter and chains—what were all these to him?

And thus, my soul, sail forth upon that sea  
Murmuring around this life; with fearless eyes  
Gaze deep within, where truth alone abides.

And, as for this great prophet, bold and free,  
Who knows what worlds unseen for thee shall rise,  
Bathed in the waves of what eternal tides?

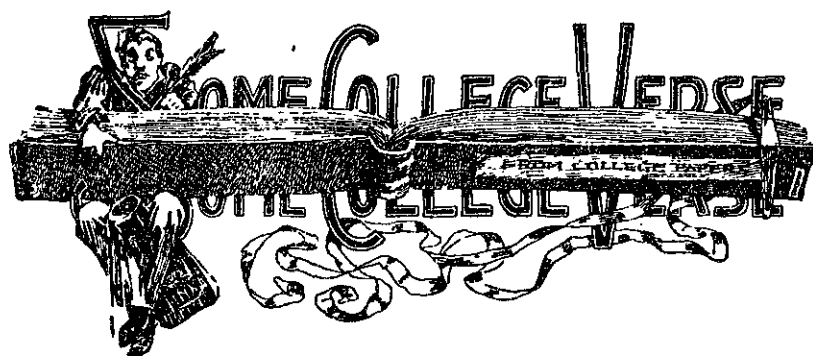
—*Yale Lit.*

#### A HINT.

"Your figure petite is ever so sweet,  
And there's certainly no getting 'round it."  
Her adorer was scared, and hence unprepared,  
For her question meant more than she hardly dared,  
But she coyly found voice to propound it:

"So my figure petite is ever so sweet?  
And you're—*quite*—sure, there's no getting 'round it?"

—*Amherst Student.*



#### CHANGE.

The harp that once through Tara's halls  
The soul of music shed,  
No longer sounds; the banjo fiend  
Gets in his work instead.

—*Trinity Tablet.*

#### SERENADE.

In the gentle light of the silvery moon  
He sang a serenade,  
On the listening ears of the fleeting night,  
To his heart's own chosen maid.

And e'en as the last notes die away,  
Up goes the window pane,  
And the other fellow politely asks  
If he won't oblige again.

—*Williams Weekly.*

#### ON BILLS.

At the first of the month I grow morbid and sad,  
As I gaze on that pile I believe  
In the saying that never was potent before—  
"Tis more blessed to give than receive."

—*Lehigh Burr.*

#### MY GUESTS.

I opened my door to Sorrow,  
I waited her day by day,  
I said "She will come to-morrow,"—  
She tarried and time slipped away.

Joy came, her radiant sister,  
To break her bread with me,  
I clasped her close and kissed her,  
I set my soul to her key,  
And forgot I had waited for sorrow,  
And watched for her coming no more,  
When lo! one bitter to-morrow,  
Sorrow's self stood at the door!

—*Inlander.*

#### A CHANGE.

In cap and bells the jester once,  
Amused the laughing town;  
But now we see this pastime fall  
To those in cap and gown!

—*Williams Weekly.*



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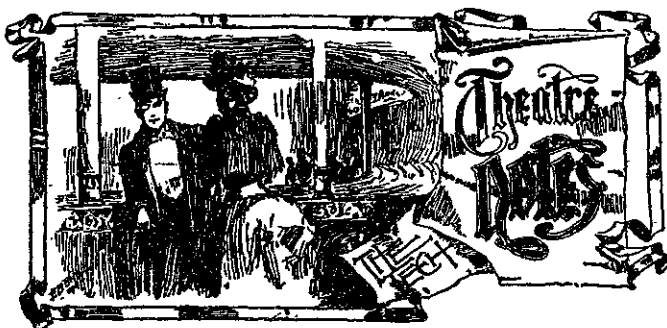
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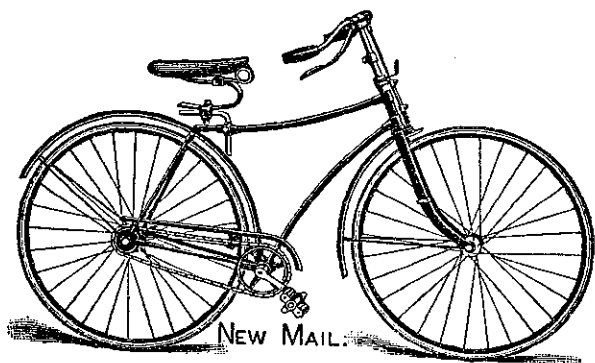
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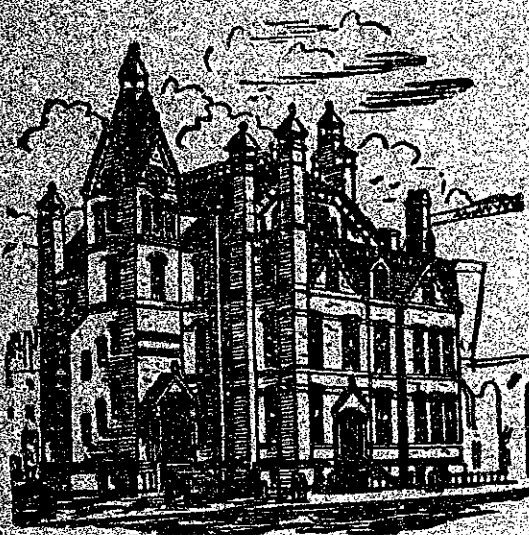
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